Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	H-8	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Oshtemo	11B	134	5
Soil Type 2:	Metea	27C	134	4

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	None	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	735	20	Treeline				535
Planned	735	20	Treeline				535
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	735	20	Treeline				535
Planned	735	20	Treeline				535

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700		
Soil Type 2:	Alfalfa	Alfalfa	65%	2700		
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700		
Soil Type 2:	Alfalfa	Alfalfa	65%	2700		

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**5**
Soil Type 2:	Alfalfa	0	Alfalfa	0	**0**	**4**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	H-9 N&S	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44C	134	5
Soil Type 2:	Thetford	51A	134	4

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	None	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	790	40	Treeline				390
Planned	790	40	Treeline				390
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	700	40	Treeline				300
Planned	700	40	Treeline				300

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350		
Soil Type 2:	Silage Corn	Silage Corn		350		
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350		
Soil Type 2:	Silage Corn	Silage Corn		350		

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	4	Silage Corn	4	**4**	**5**
Soil Type 2:	Silage Corn	3	Silage Corn	3	**3**	**4**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	M-13	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	None	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	725	40	Treeline				325
Planned	725	40	Treeline				325
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present			Treeline				0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	15,000gal	3,000lbs
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	15,000gal	3,000lbs
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**4**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	D-14	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27C	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	400	20	Treeline				200
Planned	400	20	Treeline				200
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present			Treeline				0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage corn	Silage corn		350	7,700gal	800lbs
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage corn	Silage corn		350	5tons	450lbs
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage corn	0.2	Silage corn	0.7	**0.45**	**4**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	W-22A	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Rimer	28A	134	3
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	20	Treeline				1100
Planned	1300	20	Treeline				1100
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present			Treeline				0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Silage	Corn Silage		350	7,500gal	500
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	7500gal	500
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Silage	2.75	Corn Silage	2.75	**2.75**	**3**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	W-22B	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Rimer	28A	134	3
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	20	Treeline				1100
Planned	1300	20	Treeline				1100
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present			Treeline				0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Silage	Corn Silage		350	7,500gal	500
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	7500gal	500
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Silage	2.75	Corn Silage	2.75	**2.75**	**3**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

C

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	Jus-33	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Rimer	28A	134	3
Soil Type 2:	Thetford	51A	134	4

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	650	5	Ditch				600
Planned	650	5	Ditch				600
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	650	5	Ditch				600
Planned	650	5	Ditch				600

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Wheat	Wheat		2700	9,400gal	1250
Soil Type 2:	Wheat	Wheat		2700	9,400gal	1250
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	5,000gal	350
Soil Type 2:	Silage Corn	Silage Corn		350	5,000gal	350

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Wheat	0	Silage Corn	2.5	**1.25**	**3**
Soil Type 2:	Wheat	0	Silage Corn	2.5	**1.25**	**4**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	C-34	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metamora	42B	86	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	0.7
Planned	Chisel Plow, 3-4" ridges by 18" wide	0.7

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1000	10	Brush				900
Planned	1000	10	Brush				900
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Grain	Corn Grain	40%	675	0	
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Grain	Corn Grain	40%	675		
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Grain	1.25	Corn Grain	1.25	**1.25**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	C-35	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Oshtemo	11B	134	5
Soil Type 2:	Thetford	51A	134	4

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	275	10	Brush				175
Planned	275	10	Brush				175
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	275	10	Brush				175
Planned	275	10	Brush				175

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Grain	Corn Grain	40%	675	0	0
Soil Type 2:	Corn Grain	Corn Grain	40%	675	0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Grain	Corn Grain	40%	675	0	0
Soil Type 2:	Corn Grain	Corn Grain	40%	675	0	0

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Grain	1.5	Corn Grain	1.5	**1.5**	**5**
Soil Type 2:	Corn Grain	1.5	Corn Grain	1.5	**1.5**	**4**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	UB-37A	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44B	134	4
Soil Type 2:	Metea	27B	134	4

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	500	30	Treeline				200
Planned	500	30	Treeline				200
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	500	30	Treeline				200
Planned	500	30	Treeline				200

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	5,00gal	350
Soil Type 2:	Silage Corn	Silage Corn		350	5,00gal	350
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	5,000gal	350
Soil Type 2:	Silage Corn	Silage Corn		350	5,000gal	350

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	1.5	Silage Corn	1.5	**1.5**	**4**
Soil Type 2:	Silage Corn	1.5	Silage Corn	1.5	**1.5**	**4**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	UB-37B	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:	Corunna	36	86	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1/.7
Planned	Chisel Plow, 3-4" ridges by 18" wide	1/.7

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1650	30	Treeline				1350
Planned	1650	30	Treeline				1350
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1250	30	Treeline				950
Planned	1250	30	Treeline				950

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	5,00gal	350
Soil Type 2:	Silage Corn	Silage Corn		350	5,00gal	350
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	7,500gal	500
Soil Type 2:	Silage Corn	Silage Corn		350	7,500gal	500

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	4.5	Silage Corn	3.25	**3.875**	**4**
Soil Type 2:	Silage Corn	1	Silage Corn	0.75	**0.875**	**5**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	W-38N (A)	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Oakville	53B	250	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	700	5	Ditch				650
Planned	700	5	Ditch				650
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	5,500gal	350lbs
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	5,500gal	350lbs
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	8	Corn Silage	8	8	4
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The predicted rate of soil erosion exceeds the tolerable limit for this field.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	W-38S (B)	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Tedrow	49A	310	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	300	5	Ditch				250
Planned	300	5	Ditch				250
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage corn	Silage corn		350	5,500 gal	350lbs
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	5,500 gal	350lbs
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage corn	9	Corn Silage	9	9	5
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The predicted rate of soil erosion exceeds the tolerable limit for this field.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	T-43	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1050	5	Brush				1000
Planned	1050	5	Brush				1000
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Soybeans	Soybeans	35%	500	0	
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Grain Corn	Grain Corn	40%	675	0	
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Soybeans	5.2	Grain Corn	4	4.6	4
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated rate of soil erosion for this field exceeds the tolerable rate.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	T-44	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1450	5	Brush				1400
Planned	1450	5	Brush				1400
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Soybeans	Soybeans	35%	500	0	
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Grain	Corn Grain	40%	675		
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss		Tolerable (T/ac)
Soil Type 1:	Soybeans	5.4	Corn Grain	4		4.7	4
Soil Type 2:	0	0	0	0		**0**	**0**

Comments:

The estimated rate of soil erosion for this field exceeds the tolerable rate.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	T-45	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	530	5	Brush				480
Planned	530	5	Brush				480
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Soybeans	Soybeans	35%	500	0	
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Grain	Corn Grain	40%	675		
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Soybeans	3.8	Corn Grain	3.5	**3.65**	**4**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	MK-46A	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:	Chelsea	44C	134	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1400	40	Treeline				1000
Planned	1400	40	Treeline				1000
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1400	40	Treeline				1000
Planned	1400	40	Treeline				1000

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Soybeans	Soybeans	35%	500	0	0
Soil Type 2:	Soybeans	Soybeans	35%	500	0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Grain Corn	Grain Corn	40%	675	0	0
Soil Type 2:	Grain Corn	Grain Corn	40%	675	0	0

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Soybeans	5.2	Grain Corn	3.5	4.35	4
Soil Type 2:	Soybeans	5.2	Grain Corn	3.5	**4.35**	**5**

Comments:

The estimated soil erosion for this field exceeds tolerable limit for the Metea soil type for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	MK-46B	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:	Chelsea	44C	134	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1400	40	Treeline				1000
Planned	1400	40	Treeline				1000
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1400	40	Treeline				1000
Planned	1400	40	Treeline				1000

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Soybeans	Soybeans	35%	500	0	0
Soil Type 2:	Soybeans	Soybeans	35%	500	0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Grain Corn	Grain Corn	40%	675	0	0
Soil Type 2:	Grain Corn	Grain Corn	40%	675	0	0

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Soybeans	5.2	Grain Corn	3.5	4.35	4
Soil Type 2:	Soybeans	5.2	Grain Corn	3.5	**4.35**	**5**

Comments:

The estimated soil erosion for this field exceeds the tolerable limit for Metea soil type for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	MK-47	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44C	134	5
Soil Type 2:	Metea	27B	134	4

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	None	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	650	10	Brush				550
Planned	650	10	Brush				550
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	10	Brush				1200
Planned	1300	10	Brush				1200

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:	Alfalfa	Alfalfa	65%	2700	0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:	Alfalfa	Alfalfa	65%	2700	0	0

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**5**
Soil Type 2:	Alfalfa	0	Alfalfa	0	**0**	**4**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	J-48	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44C	134	5
Soil Type 2:	Oshtemo	11C	134	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1250	40	Treeline				850
Planned	1250	40	Treeline				850
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1250	40	Treeline				850
Planned	1250	40	Treeline				850

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:	Corn Silage	Corn Silage		350	5,000gal	350
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:	Corn Silage	Corn Silage		350	5,000gal	350

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Silage	3.25	Corn Silage	3.25	**3.25**	**5**
Soil Type 2:	Corn Silage	3.25	Corn Silage	3.25	**3.25**	**5**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	J-49	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44C	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1250	40	Treeline				850
Planned	1250	40	Treeline				850
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	5,000gal	350
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	3.25	Corn Silage	3.25	**3.25**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	J-50	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44C	134	5
Soil Type 2:	Oakville	10B	250	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	975	20	Treeline				775
Planned	975	20	Treeline				775
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	350	20	Treeline				150
Planned	350	20	Treeline				150

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Wheat	Wheat	40%	1400	5,000gal	350
Soil Type 2:	Wheat	Wheat	40%	1400	5,000gal	350
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:	Corn Silage	Corn Silage		350	5,000gal	350

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Wheat	0	Corn Silage	3	**1.5**	**5**
Soil Type 2:	Wheat	0	Corn Silage	5	**2.5**	**5**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	J-51	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44C	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	40	Treeline				900
Planned	1300	40	Treeline				900
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Silage	4	Corn Silage	4	**4**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	J-52	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44C	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	750	40	Treeline				350
Planned	750	40	Treeline				350
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Silage	2	Corn Silage	2	**2**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	JS-53A	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	None	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	40	Treeline				900
Planned	1300	40	Treeline				900
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	JS-53B	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	None	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	40	Treeline				900
Planned	1300	40	Treeline				900
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	JS-53C	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	None	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	40	Treeline				900
Planned	1300	40	Treeline				900
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	JS-53D	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	None	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	40	Treeline				900
Planned	1300	40	Treeline				900
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	JS-53E	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	None	1
Planned	None	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	10	Treeline				1200
Planned	1300	10	Treeline				1200
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	Nov-57	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	500	20	Treeline				300
Planned	500	20	Treeline				300
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Soybeans	Soybeans	40%	500	0	
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Grain	Corn Grain	40%	675		
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Soybeans	2.6	Corn Grain	2	**2.3**	**4**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	Nov-58A	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1200	30	Treeline				900
Planned	1200	30	Treeline				900
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Soybeans	Soybeans	40%	500	0	
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Tritical	Tritical	40%	1400		
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Soybeans	5.1	Tritical	0	**2.55**	**4**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated rate of soil erosion for this field is below the tolerable rate for this crop rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	Nov-58B	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metea	27B	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1700	40	Treeline				1300
Planned	1700	40	Treeline				1300
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Soybeans	Soybeans	40%	500	0	
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Tritical	Tritical	40%	1400		
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Soybeans	5.4	Tritical	0.1	**2.75**	**4**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated rate of soil erosion for this field is below the tolerable rate for the crop rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	MN-61C	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44C	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	975	10	Brush				875
Planned	975	10	Brush				875
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Silage	Corn Silage		350	11,000gal	1200
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	11,000gal	1200
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Silage	0	Corn Silage	0	**0**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	MN-61D	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44C	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1800	20	Treeline				1600
Planned	1800	20	Treeline				1600
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Silage	Corn Silage		350	11,000gal	1200
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	11,000gal	1200
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Silage	0	Corn Silage	0	**0**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	C-70	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Thetford	51A	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	none	1
Planned	none	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	625	2	Driveway				605
Planned	625	2	Driveway				605
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	40%	1400	0	0
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**4**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	C-72	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Kibbie	33A	86	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	none	1
Planned	none	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	575	30	Treeline				275
Planned	575	30	Treeline				275
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	40%	1400		
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700		
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	17-1&2	3/5/2008	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Kibbie	33A	86	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	none	1
Planned	none	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	2375	2	brush				2355
Planned	2375	2	brush				2355
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal	1400
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal	1400
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	17- 3-5	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Rimer	28A	134	3
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	none	1
Planned	none	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	2	brush				1280
Planned	1300	2	brush				1280
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal	1400
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal	1400
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**3**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated rate of soil erosion for this field is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	17-6&7	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Rimer	28A	134	3
Soil Type 2:	Metamora	42B	86	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	none	1
Planned	none	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	2050	2	brush				2030
Planned	2050	2	brush				2030
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	2600	2	brush				2580
Planned	2600	2	brush				2580

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal	1400
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Alfalfa	Alfalfa	65%	2700	5,000gal	1400
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Alfalfa	0	Alfalfa	0	**0**	**3**
Soil Type 2:	Alfalfa	0	Alfalfa	0	**0**	**5**

Comments:

The estimated rate of erosion is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	Thomp	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Chelsea	44B	134	5
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	975	30	Trees				675
Planned	975	30	Trees				675
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:						
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Corn Silage	Corn Silage		350	5,000gal	350
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Corn Silage	4	Corn Silage	4	**4**	**5**
Soil Type 2:	0	0	0	0	**0**	**0**

Comments:

The estimated soil erosion for this field is below the tolerable limit for the planned rotation.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	Kam	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Metamora	42B	86	5
Soil Type 2:	Rimer	28A	134	3

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	.7/1
Planned	Chisel Plow, 3-4" ridges by 18" wide	.7/1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	950	2	ditch				930
Planned	950	2	ditch				930
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1300	2	ditch				1280
Planned	1300	2	ditch				1280

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	5,000gal	350
Soil Type 2:	Silage Corn	Silage Corn		350	5,000gal	350
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	12,000gal	1700
Soil Type 2:	Silage Corn	Silage Corn		350	12,000gal	1700

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	1.25	Silage Corn	0	**0.625**	**5**
Soil Type 2:	Silage Corn	3.5	Silage Corn	0	**1.75**	**3**

Comments:

The estimated rate of soil erosion is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	Levendoski	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Colwood	30	56	5
Soil Type 2:	Kibbie	33A	86	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	0.7
Planned	Chisel Plow, 3-4" ridges by 18" wide	0.7

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1530	40	trees				1130
Planned	1530	40	trees				1130
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1275	40	trees				875
Planned	1275	40	trees				875

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:	Silage Corn	Silage Corn		350	0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	5,000gal	350
Soil Type 2:	Silage Corn	Silage Corn		350	5,000gal	350

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	0	Silage Corn	0	**0**	**5**
Soil Type 2:	Silage Corn	0.4	Silage Corn	0.4	**0.4**	**5**

Comments:

The estimated rate of soil erosion is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	BK-D B. Kuperus SW	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Thetford LFS	51A	134	4
Soil Type 2:				

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	790	40	trees				390
Planned	790	40	trees				390
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present							0
Planned							0

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:		0			0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:						

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	4	Silage Corn	4	**4**	**4**
Soil Type 2:	0		0		**0**	**0**

Comments:

The estimated rate of soil erosion is equal to the tolerable rate of erosion.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	DeWitts	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Marlette L	75B	56	5
Soil Type 2:	Chelsea LFS	53B	134	5

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	.7/1
Planned	Chisel Plow, 3-4" ridges by 18" wide	.7/1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1420	40	trees				1020
Planned	1420	40	trees				1020
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	700	5	Ditch/field edge				650
Planned	700	5	Ditch/field edge				650

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:	Silage Corn	Silage Corn		350	12,000gal	1,800lbs
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:	Silage Corn	Silage Corn		350	12,000gal	1,800lbs

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	0	Silage Corn	0	**0**	**5**
Soil Type 2:	Silage Corn	6	Silage Corn	0	**3**	**5**

Comments:

The average predicted rate of soil erosion is below the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	Zandbergen North	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Blount	41B	48	3
Soil Type 2:	Oakville	53B	250	4

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	.7/1
Planned	Chisel Plow, 3-4" ridges by 18" wide	.7/1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1250	40	trees				850
Planned	1250	40	trees				850
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1280	40	trees				880
Planned	1280	40	trees				880

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:	Silage Corn	Silage Corn		350	0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:	Silage Corn	Silage Corn		350	0	0

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	0	Silage Corn	0	**0**	**3**
Soil Type 2:	Silage Corn	12	Silage Corn	12	12	4

Comments:

The estimated rate of soil erosion for the Oakville soil type exceeds the tolerable limit.

Wind Erosion Worksheet

based on Wind Erosion Worksheet found in Section 1 FOTG

Client:	Field #:	Date:	County
Walnutdale Dairy	Zandbergen South	9/6/2011	Allegan

Soil "I" Value - refer to Section II of the FOTG

	Name	#	I value	T
Soil Type 1:	Oakville	53B	250	4
Soil Type 2:	Rimer LS	28A	134	3

Soil Roughness (Ridge) Value (Krd) - *refer to Table 5, Section 1 FOTG

	Tillage used for Krd	Krd Value
Present	Chisel Plow, 3-4" ridges by 18" wide	1
Planned	Chisel Plow, 3-4" ridges by 18" wide	1

Climatic Factor - refer to table 2 Section 1 FOTG

County: Allegan Climatic Factor: 8

"L" - Length of Unsheltered Distance

		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 1:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	1180	40	trees				780
Planned	1180	40	trees				780
		Windbreak adjustments:		Or calculated "L" (Table 4)			Adjusted "L"
Soil Type 2:	Measured "L"	Height	Type:	Angle	Adj factor	Field width	value (Ft)
Present	990	40	trees				590
Planned	990	40	trees				590

"V" - Vegitative Factor (Small Grain equivalent) for each crop in rotational period

	Present Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 1
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:	Silage Corn	Silage Corn		350	0	0
	Planned Crop	Residue	% residue Cover	Lbs residue	Manure rate	SGe (Fig. a-1 to c-2.) Table 2
Soil Type 1:	Silage Corn	Silage Corn		350	0	0
Soil Type 2:	Silage Corn	Silage Corn		350	0	0

"E" Estimated Annual Soil Loss by wind Erosion (from "E" tables Section 1 FOTG)

	Present Crop	Soil Loss	Planned Crop	Soil Loss	Average Soil Loss	Tolerable (T/ac)
Soil Type 1:	Silage Corn	12	Silage Corn	12	12	4
Soil Type 2:	Silage Corn	5	Silage Corn	5	5	3

Comments:

The estimated rate of soil erosion exceeds the tolerable limit.